52-Port Gigabit Web-Based Smart Switch

TEG-2248WS

TRENDnet's TEG-2248WS 52-port Gigabit Web-Based Smart Switch is the ideal switch for network segmenting. It has 48 10/100Mbps and 2 10/100/1000Mbps RJ45 ports with Auto-Sensing and Auto-MDIX feature for easy installation. This switch also has 2 Mini-GBIC ports that accept optional gigabit fiber modules for greater flexibility. The TEG-2248WS supports web browser configuration; Network Administrators can use web browsers to configure port speed, port-based VLAN, QoS, Trunking and also to monitor each port's status. TRENDnet's powerful and easy-to-use TEG-2248WS is designed to reduce unnecessary broadcast traffic and enhance network security.

FEATURES

- 48 x 10/100Mbps Auto-Negotiation and Auto-MDIX Fast Ethernet Ports
- 2 x 10/100/1000Mbps Auto-Negotiation and Auto-MDIX Gigabit Ports
- 2 x 1000Base-SX/LX Mini-GBIC Slots for Optional Mini-GBIC Modules
- Full/Half-Duplex Transfer Mode for each Port (only Full Duplex Mode for 1000Mbps)
- Store and Forward Switching Architecture
- Integrated address Look-Up Engine with 8K absolute MAC address table
- Supports 128K bytes RAM Data Buffering
- Back Pressure Flow Control for Half Duplex Mode
- Supports 802.1Q VLAN and Port Trunking
- Supports IEEE 802.1p QoS
- Port Settings function, users can set each Port's Availability, Speed, Duplex mode and Flow Control
- Easy Window Based Management Utility and Web-Based Configuration
- Extensive Diagnostic LED's on the front panel
- Standard 1U (19") Rack-Mount Size (Rack-Mount Kit included)
- 5-Year Warranty

* Port Based VLAN and QoS limited to One Group. Group 1 (Ports 1 - 24) or Group 2 (Ports 25 - 52)

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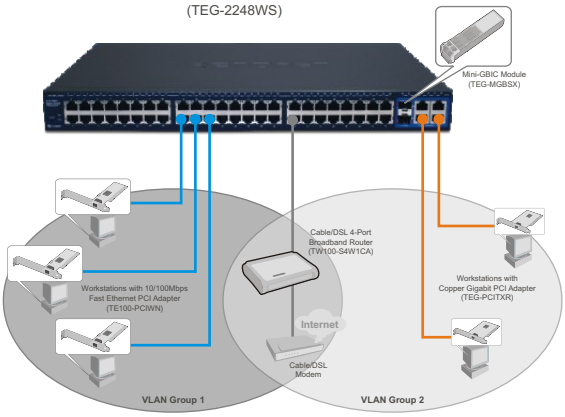
SPECIFICATIONS

Hardware	
Standards	• IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX • IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-SX/LX • IEEE 802.3x Full Duplex Flow Control
Network Media	• Ethernet: UTP/STP Cat. 3, 4, 5 • Fast Ethernet: UTP/STP Cat. 5 • Gigabit: UTP/STP Cat. 5
Protocol /Topology	• CSMA/CD, Star
LAN Ports	• 48 x 10/100Mbps Auto Negotiation, Auto-MDIX Fast Ethernet ports • 2 x 10/100/1000Mbps Auto Negotiation, Auto MDIX Gigabit ports • 2 x 1000Base-SX/LX Mini GBIC ports for optional Mini-GBIC modules
Data Transfer Rate	• Ethernet: 10Mbps/20Mbps (Half-Duplex/Full-Duplex) • Fast Ethernet: 100Mbps/200Mbps (Half-Duplex/Full-Duplex) • Gigabit Ethernet: 2000Mbps (Full-Duplex)
Address Table	• 8K Entries
Data RAM Buffer	• 128KBytes
Diagnostic LEDs	• Per Unit: Power, System • Per Fast Ethernet Port: Link/ACT, 100Mbps • Per Cooper Gigabit Port: Link/ACT, Speed (1000M-Green, 100M-Amber) • Per Mini-GBIC Port: Link/ACT, 1000Mbps
Power/Consumption	• 100-240V AC, 50/60Hz Internal Universal Power Supply / 24 watts (max)
Dimensions (W x D x H)	• 440 x 200 x 44 mm (17.32" x 7.9" x 1.73")
Weight	• 2.6kg (5.78lbs)
Temperature	• Operating : 0° ~ 40° C (32° ~ 104° F) Storage: -10° ~ 70° C (14? ~ 158° F)
Humidity	• 10% ~ 90% (no-condensing)
Certifications	• CE, FCC

NETWORKING SOLUTIONS

52-Port 10/100/1000Mbps Gigabit Web Smart Switch
(TEG-2248WS)



PACKAGE CONTENTS

- TEG-2248WS
- Multi-Language User's Guide
- Web-Smart Utility CD-ROM
- Power Supply
- Rack Mount Kit

RELATED PRODUCTS

TEG-160WS	16-Port Gigabit Web-Based Smart Switch
TEG-240WS	24-port 10/100/1000Mbps Gigabit Web-Based Smart Switch
TEG-448WS	48-Port 10/100/1000Mbps Gigabit Web Smart Switch

ORDERING INFORMATION

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